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ABSTRACT

This book highlights women's achievements in science and mathematics from the first century A.D. to the present. Included are paleontologists, geologists, astronomers, mathematicians, chemists, botanists, biologists, engineers, physicians entomologists, and atomic physicists. Their noteworthy accomplishments are translated to students through hands-on experiments and activities. The information and activities presented here are appropriate for ages 8 through 13. This book contains 23 units that spotlight women scientists, their work, and its importance. All units feature a hands-on experiment/activity duplicating the scientist's work or demonstrating a scientific principle relevant to her work, a bibliography, and a newsletter. These units help develop learning skills and common curriculum goals including evaluation of information, oral and written expression, reasoning skills, fundamental concepts in science, and mathematical relationships. (JRH)

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